



4.2 Job Posting for Researcher at OZZIE Robotics.

 **OZZIE Robotics:**

7th km Thessalonikis - Neon Moudanion, Pilea, Thessaloniki 555 35

Eligible sending organisations •

JSI, ULUS

Role title •

Robot Cybersecurity Software Developer

Environment •

During your secondment, you will be deeply involved with the OZZIE Robotics' engineering team. The core task is to **develop advanced software modules for the implementation of cybersecurity protocols** for OZZIE robots.

What you will work on •

The secondee will work with OZZIE's software engineering team to:

- Design, develop and test software modules that improve the cybersecurity of ROS-based robots
- Analyse test results, identify bugs and bottlenecks, and collaborate with developers on resolutions
- Deploy and test the developed software modules in real robots

What you will gain •

- Understanding of how **cybersecurity modules** can be **implemented for service robots** in practice
- **Strengthening of Cybersecurity-oriented, ROS-based and C++/Python** programming skills through **hands-on implementation** and **testing**



Desired profile •

- Familiarity with Cybersecurity methods and approaches
- Programming foundations and hands-on experience in C++ and/or Python. These are the primary languages used for robotics development with ROS/ROS 2
- Experience with Linux and version control systems (e.g. git)
- Familiarity with ROS/ROS2 is a plus, since our robots are built in ROS

Duration & Flexibility •

3 months between May and October 2026

Can be split into separate stays **of at least 6 weeks each** (for example 2 x 6-8 weeks) upon agreement.

Note: *OZZIE Robotics will be closed for summer break from August 1st through August 15th.*